

Amendments to the Claims:

The following listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electrolyte layer for a fuel cell comprising:

a compact substrate through which passes a gas supplied to the electrochemical reaction, wherein the substrate includes hydrogen-permeability; a porous layer with fine pores that is formed on the substrate; and an inorganic electrolyte supported in the pores, wherein the electrolyte includes proton-conductivity and a solid acid.

2-4. (Canceled)

5. (Currently Amended) A fuel cell comprising:

an electrolyte layer for a fuel cell according to Claim 1, and an electrode ~~adjaceant~~ disposed adjacent to the porous layer, on the side opposite the substrate.

6. (Currently Amended) A method of manufacturing an electrolyte layer for a fuel cell, the method comprising:

preparing a compact substrate through which passes a gas supplied to the electrochemical reaction; wherein the substrate includes hydrogen-permeability; forming a porous layer with fine pores on the substrate; and supporting an inorganic electrolyte in the pores, including:

introducing a solution of a solid acid into the pores of the porous layer,
and

drying the porous layer containing the solution,
wherein the electrolyte includes proton-conductivity.

7-8. (Canceled)

9. (New) The electrolyte layer for a fuel cell according to Claim 1, wherein the electrolyte further comprises palladium.

10. (New) The method of manufacturing an electrolyte layer for a fuel cell according to Claim 6, wherein the electrolyte further comprises palladium.